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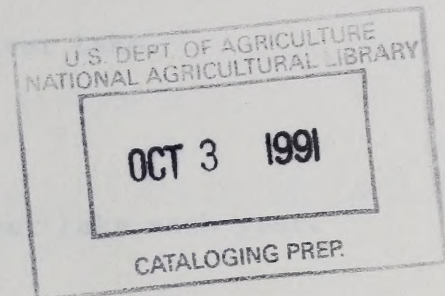
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# HIGHLAND SILVER LAKE ANGLER OPINION SURVEY:PRELIMINARY RESULTS



## SOCIOECONOMIC EVALUATION

of the

## HIGHLAND SILVER LAKE RURAL CLEAN WATER PROJECT, ILLINOIS



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## HIGHLAND SILVER LAKE ANGLER OPINION SURVEY:PRELIMINARY RESULTS\*

Total respondents 47: Highland resident boat anglers 29 or 53%  
 Nonresident boat anglers 4 or 8%  
 Bank anglers 14 or 29%

Prior years fishing experience in Highland Silver Lake.

Range 0 to 15 years  
 Mean 4.2 years

Usual number of fishing trips to Highland Silver Lake each year.

Range 1 to 50 trips  
 Mean 13.7 trips

Usual number of fishing trips to other lakes each year.

Range 0 to 150 trips  
 Mean 35.8 trips

Fishing trips to Highland Silver Lake account for over 40% of expected yearly fishing trips by respondents.

Rating present fishing quality of Highland Silver Lake.

Scale: 5-Very Good  
 4-Good  
 3-Average  
 2-Poor  
 1-Very Poor  
 Computed rating 2.26

64% of all respondents rated fishing quality Poor or Very Poor. Nonresidents were more kind in their opinions of fishing quality providing an overall rating of 3.25. The resident angler rating was 2.17.

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\*Economic Research Service, USDA in cooperation with the Southwest Illinois Metropolitan and Regional Planning Commission. This preliminary report was developed from interviews obtained from June 20 to August 15, 1982 (two of eight sampling periods).







Trend of fishing quality in Highland Silver Lake.

Scale: 3-Improving

2-About the same

1-Declining

Computed rating 1.67

50% of all respondents felt fishing quality was Declining.

Importance of water appearance in selecting a fishing lake.

Scale: 5-Very Important

4-Important

3-Somewhat Important

2-Of Little Importance

1-Not Important

Computed rating 3.5

50% of all respondents felt water appearance is Important or Very Important.

Impact of water appearance on fishing success in Highland Silver Lake.

Current trip: 41 Yes or 89%

Other trips : 33 Yes or 80%

Rating present appearance of Highland Silver Lake water.

Scale: 5-Very Good

4-Good

3-Average

2-Poor

1-Very Poor

Computed average 2.06

67% of all respondents rated water appearance Poor or Very Poor. The nonresident rating was 2.5 while the resident rating was more severe at 2.04.

Willingness to pay to fish in Highland Silver Lake in addition to the required boat license given:

1. Present water appearance

Range \$0 to \$6

Mean \$3

2. Improved water appearance

Range \$0 to \$12

Mean \$6.61

Under condition #2, all additional monies collected from anglers would be used to help improve water appearance.





Would improved water appearance, allowing visibility to a depth of two feet, increase respondents' fishing on Highland Silver Lake?

Yes 96%

Cost of fishing trips to Highland Silver Lake.

Range \$3 to \$40

Mean \$13.08

Resident mean \$11.77

Nonresident mean \$27.50





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